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URBAN DISTRICT OF  
TICKHILL

THE HEALTH

OF

TICKHILL

1960



Health Department,  
Station Road,  
Doncaster.

John Ferguson, M.B., Ch.B.,  
D.P.H.  
Medical Officer of Health.

R. Durant, M.A.P.H.I.  
Public Health Inspector.

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URBAN DISTRICT COUNCIL OF TICKHILL

Divisional Health Office,  
Station Road,  
Doncaster.

To: The Chairman and Members of the  
Tickhill Urban District Council.

October, 1961.

Ladies and Gentlemen,

I have pleasure in submitting the Annual Report on the health of the inhabitants of the district.

The Vital Statistics show:

- (1) The population was returned at exactly the same figure as in 1960.
- (2) There was an increase in the number of births.
- (3) There was a reduction in the number of deaths.
- (4) No woman died in childbirth.
- (5) There were no deaths of infants under 1 year of age.
- (6) The number of cases of infectious diseases was very low.

Included in this report is a shortened account of the Health Services under my care as Divisional Medical Officer.

During the year the Council arranged with Doncaster Rural District Council for the services of a Public Health Inspector one day per week. This relieved your Surveyor of these duties and this extra assistance has enabled more detailed attention to be given to public health matters.

I would like to express my thanks, Madam Chairman, to you and the Members of the Council for their courteous reception and help during the year and to all the officials.

Your obedient Servant,

J. FERGUSON

Medical Officer of Health.

URBAN DISTRICT COUNCIL OF TICKHILL

Chairman of the Council

Cr. Mrs. O. Franklin.

Vice-Chairman

Cr. W.A. Hill.

Members of the Council

Cr. C. F. Coutts-Wood.

Cr. Mrs. H. F. Fullwood.

Cr. F. D. Mason.

Cr. A. E. Pike.

Cr. E. R. Robinson.

Cr. F. Thompson.

Public Health Staff.

Medical Officer of Health,

Dr. J. Ferguson.

Public Health Inspector,

Mr. R. Durant.

Surveyor,

Mr. W. H. Haslam.

Divisional Health Staff.

Divisional Medical Officer,

Dr. J. Ferguson.

Assistant Medical Officer

Dr. M. T. Burton.

Paediatrician ,

Dr. C. C. Harvey.

Health Visitor for District,  
Mrs. W. Blagojevic.

Midwife for District,  
Miss L. M. Ashton.

Home Nurse for District,  
Mrs. M. Darley.

Mental Welfare Officer,  
Miss J. E. Jackson.

Chief Clerk,  
Mr. W. Knivett.

## SECTION A.

### STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

|  |             |
|--|-------------|
| Area of the district (including 6 acres of water):                   | 5,580 acres |
| Registrar General's estimate of residential population mid-year 1960 | 2,570       |
| Number of inhabited houses at April 1960                             | 857         |
| Rateable value (1st April 1961)                                      | £31,804     |
| Sum represented by a penny rate                                      | £125.13. 6. |

#### Extracts from Vital Statistics (Corrected for Inward and Outward Returns)

|              |      |      |
|--------------|------|------|
| LIVE BIRTHS: | 1960 | 1959 |
|--------------|------|------|

|   |      |      |
|---|------|------|
| Total number  | 45   | 36   |
| Birth Rate per 1,000 population                         | 17.5 | 14.0 |
| Birth Rate per 1,000 population<br>(corrected)          | 17.5 | 14.0 |
| Birth Rate England and Wales                            | 17.1 | 16.5 |
| Percentage illegitimate live births<br>per total births | 6.6  | 3.3  |

|  |   |   |       |
|--|---|---|-------|
|  | M | F | Total |
|--|---|---|-------|

|              |    |    |    |
|--------------|----|----|----|
| Legitimate   | 21 | 21 | 42 |
| Illegitimate | -  | 3  | 3  |
| Total        | 21 | 24 | 45 |

|               |      |      |
|---------------|------|------|
| STILL BIRTHS: | 1960 | 1959 |
|---------------|------|------|

|  |      |      |
|--|------|------|
| Total Number                               | -    | 1    |
| Rate per 1,000 Total Live and Still Births | -    | 27.0 |
| Rate for England and Wales                 | 19.7 | 20.7 |

|                              |      |      |
|------------------------------|------|------|
| TOTAL LIVE AND STILL BIRTHS: | 1960 | 1959 |
|------------------------------|------|------|

|                               |      |      |
|-------------------------------|------|------|
| Total Births (Live and Still) | 45   | 37   |
| Rate per 1,000 population     | 17.5 | 14.4 |

#### INFANTILE MORTALITY:

The Infantile Mortality Rate is the number of deaths of infants under one year of age per 1,000 registered live births.

|  |      |      |
|--|------|------|
|  | 1959 | 1960 |
|--|------|------|

|                  |   |   |
|------------------|---|---|
| Number of Deaths | 1 | - |
|------------------|---|---|

#### NEO-NATAL MORTALITY:

The Neo-Natal Mortality Rate is the number of deaths of infants under four weeks of age per 1,000 total live births.

|  |      |      |
|--|------|------|
|  | 1959 | 1960 |
|--|------|------|

|  |      |      |
|--|------|------|
| Number of Deaths                       | 1    | -    |
| Death Rate per 1,000 total live births | 27.8 | -    |
| Death Rate for England and Wales       | 15.8 | 15.6 |

#### EARLY NEO-NATAL MORTALITY:

The Early Neo-Natal Mortality Rate is the number of deaths of infants under one week of age per 1,000 total live births.

|  |      |      |
|--|------|------|
|  | 1959 | 1960 |
|--|------|------|

|  |      |   |
|--|------|---|
| Number of Deaths                       | 1    | - |
| Death Rate per 1,000 total live births | 27.8 | - |

#### PERINATAL MORTALITY RATE:

The Perinatal Mortality Rate is the number of stillbirths and deaths under 1 week combined, per 1,000 total live and still births.

|  |      |      |
|--|------|------|
|  | 1959 | 1960 |
|--|------|------|

|  |      |   |
|--|------|---|
| Number of Deaths                                 | 2    | - |
| Death Rate per 1,000 total live and still births | 54.8 | - |

MATERNAL DEATHS (including abortion) Nil

DEATHS: 1960 1959

Total number 26 47

Death Rate per 1,000 population  
(crude) 10.1 18.3

Death Rate per 1,000 population  
(corrected) 10.3 18.7

Death Rate for England and Wales 11.5 11.6

|  | M | F | Total |
|--|---|---|-------|
|--|---|---|-------|

|        |    |    |    |
|--------|----|----|----|
| Deaths | 12 | 14 | 26 |
|--------|----|----|----|

Deaths from road accidents and other violent causes:

There was one accidental death:

COMPARATIVE VITAL STATISTICS FOR THE YEAR 1960.

The following table shows an interesting comparison between the Authority's vital statistics and those of the W.R.C.C. Urban Authorities, the West Riding as a whole, and England and Wales as a whole.

Based on the Registrar General's Figures.

| Crude Rate   | Tickhill<br>Urban<br>District | Aggregate<br>West Riding<br>Urban<br>Districts | West<br>Riding<br>Admin.<br>County | England<br>and<br>Wales |
|--|-------------------------------|--|------------------------------------|-------------------------|
| Live Birth Rate  | 17.5                          | 16.5   | 16.9                               | 17.1                    |
| Corrected  | 17.5                          | 16.7   | 17.1                               | -                       |
| Death Rate - All causes  | 10.1                          | 12.2   | 11.5                               | 11.5                    |
| Corrected  | 10.3                          | 12.9   | 12.6                               | -                       |
| Infective and Parasitic<br>Diseases excluding<br>Tuberculosis but including<br>Syphilis and other V.D. | -                             | 0.06   | 0.06                               | *                       |
| Tuberculosis:  |                               |  |                                    |                         |
| Respiratory  | -                             | 0.06   | 0.06                               | 0.07                    |
| Other forms  | -                             | 0.01   | 0.01                               | 0.01                    |
| All forms  | -                             | 0.07   | 0.07                               | 0.07                    |
| Cancer   | 3.11                          | 2.10   | 1.18                               | 2.16                    |
| Vascular lesions of the<br>nervous system  | 1.56                          | 1.97   | 1.85                               | *                       |
| Heart and circulatory<br>diseases  | 3.11                          | 4.68   | 4.35                               | *                       |
| Respiratory Diseases   | -                             | 1.25   | 1.17                               | *                       |
| Maternal Mortality   | -                             | 0.70   | 0.73                               | 0.39                    |
| Infant Mortality   | -                             | 22.5   | 22.5                               | 21.7                    |
| Neo-Natal Mortality  | -                             | 15.9   | 15.8                               | 15.6                    |
| Peri-natal mortality   | -                             | 35.3   | 35.9                               | *                       |
| Stillbirths  | -                             | 21.8   | 22.4                               | 19.7                    |

\* Figures not available.

Maternal Mortality Rate per 1,000 Live and Still Births.

Stillbirths Rate per 1,000 Live and Still Births.

Infant Mortality Rate per 1,000 Live Births.

Neo-Natal Mortality Rate per 1,000 Live Births.

Perinatal Mortality Rate per 1,000 Live and Still Births.

Respiratory Diseases - combined death rate from influenza,  
pneumonia, bronchitis, and other diseases of respiratory  
system excluding Tuberculosis.

## SECTION B.

### SERVICES PROVIDED BY THE LOCAL HEALTH AUTHORITY.

Health Visiting Service.

Child Welfare.

School Health.

Domiciliary Midwifery.

Home Nursing Service.

Immunisation Service.

Ambulance Service.

There has been no shortage of staff during the year and the above services have functioned satisfactorily.

Returns from the Home Nursing Service show an increasing demand for attention to the aged sick and this not only requires skilled nursing but also taxes the physical strength of the nurses. The immunisation schemes show a high level of acceptance of protection against diphtheria, whooping cough and poliomyelitis.

#### Mental Health Service.

The Mental Health Act, 1959 came into operation in November 1960. The effects of this Act are widespread and not least is the emphasis laid on the importance of rehabilitation and after care, and the importance where possible of care and after care being in the general community with less emphasis on removal to a mental home.

The training centre at Adwick le Street continues to function most satisfactorily. It is a pleasure to visit this centre and sense the happy atmosphere.

#### Chiropody Service.

The free chiropody service is now well established and is directed by Cr. Mrs. O. Franklin to whom I express my thanks for the help she has given me. A maximum of 6 treatments per year is allowed and domiciliary visits can be made to persons who cannot attend the clinic.

SECTION C.

SANITARY CIRCUMSTANCES OF THE DISTRICT.

Notices abated:

|   |                  |
|---|------------------|
| Informal notices outstanding at 31.12.59. | 13               |
| Issued in 1960                            | 6                |
|   | <u>Total</u>     |
|   | 19               |
| Abated in 1960                            | 14               |
| Outstanding at 31.12.60.                  | 5                |
|   | <u><u>  </u></u> |
| Statutory notice outstanding at 31.12.59. | 1                |
| Abated in 1960.                           | 1                |

WATER SUPPLY:

The number of inhabited houses connected to the Don Valley Water mains at the end of the year was shown as 840.

Two samples of water were taken for bacteriological examination and reported upon satisfactorily. There was no shortage of supply in any part of the district and no plumbo-solvency as is shown in the following chemical examination:

Sample of water from Lofthouse Shop, 12 Westgate, Tickhill.  
29.11.60. Don Valley Supply.

|                                 | <u>Parts per million</u> |
|---------------------------------|--------------------------|
| Total solids                    | 260                      |
| Chloride                        | 20                       |
| Alkalinity as CaCO <sub>3</sub> | 148                      |
| Total hardness                  | 200                      |
| Permanent hardness              | 52                       |
| Temporary hardness              | 148                      |
| Lead, copper, zinc              | Nil                      |
| Iron                            | Nil                      |
| Free ammonia                    | 0.01                     |
| Albuminoid ammonia              | 0.01                     |
| Nitrous nitrogen                | Nil                      |
| Nitric nitrogen                 | 3.6                      |
| pH                              | 7.4                      |

Several remote parts of the district are still on private well supplies and investigations into the purity of these is to be dealt with as soon as practicable.

#### SEWERAGE AND SEWAGE DISPOSAL.

This service is controlled by your Surveyor.

There were no major extensions of the sewerage system during the year; additional sludge drying beds were constructed at the Sewage Works. All the built up areas of the district are sewered with the exception of the Lindrick area where there are difficulties in respect of levels. There was no further development during the year on the question of separate surface water drainage. Overloading occurs at times of heavy rain due to storm water and sewage being in a combined sewer. This matter has again been brought to the attention of the Council.

## SECTION D.

### HOUSING:

For the last few years now the Council's action pursuant to Section 17 of the Housing Act, 1957, in respect of unfit properties, has outstripped the provision of accommodation for the persons occupying the unfit houses. Consequently there was little additional activity during the year pending a major review of the housing position and the commencement of a survey to formulate a programme for the next few years. Two demolition orders were made during the year and at that time some 13 unfit houses were still occupied.

Plans to rehouse these tenants were being made at the end of the year.

### Standard Improvement Grants.

The discretionary improvement grant provisions are not operated in the urban district; nine applications for standard grants were approved, six of these being completed by the end of the year.

### Public Cleansing.

This service is controlled by the Surveyor.

A weekly domestic refuse collection was maintained, some 860 premises being serviced. The multi-purpose tipping vehicle, however, not being a specially designed refuse collector, does not lend itself to dustless loading. Almost the whole of the refuse was disposed of by controlled tipping methods. It is anticipated that due to Doncaster byepass operations the use of the present tip will cease early in 1961 and negotiations regarding the use of an alternative site are now being made.

During the year the Council decided to supply dustbins in accordance with Section 75 (3) of the Public Health Act, a charge of 7/6d per annum being made for such provision.

### Sanitary accommodation.

There are only 15 pails and 11 privies now remaining in the area and these are cleansed frequently by the Council's employees. The remaining 97½% have a water carriage sanitation system, predominantly connected to the main sewers.

The Council is now investigating an incentive grant scheme pursuant to Section 47 (4) of the Public Health Act with a view to encouraging owners to convert the few remaining closets of the conservancy type.

## MOVEABLE DWELLINGS:

There were no licences issued pursuant to Section 269 of the Public Health Act, 1936, but when this legislation was superseded by the new Caravan Sites and Control of Development Act, 1960, on the 29th August early action was taken to deal with the growing problem. Details of the new Act were supplied to each site occupier together with site licence application forms in order that the planning status of each site could be determined. By the end of the year 3 applications had been received and referred to the Area Planning Officer for his observations.

The Doncaster bypass operation has brought a number of contractors caravans into the area, and there has been but little organised provision for their reception. Mid 1961 should, however, see the completion of this work and this temporary problem resolved.

Now that the new legislation permitted a local authority to incur expenditure in the provision of sites the Council were at the end of the year drawing up a scheme for the construction of a modern caravan site to accommodate some 20 vans, and it is hoped that this development will occur in 1961.

## SECTION E.

### Slaughterhouses Act, 1958.

The report required to be submitted under the new Act was forwarded to the Minister in September. There is only one existing slaughterhouse and the proposed "appointed day" by which it would be required to comply with the new construction regulations was fixed at the 1st July, 1961.

### Meat Inspection.

Figures are not available for the first six months of the year but from the 1st July the following animals were killed and inspected; some 26 visits being made for this purposes.

|          |    |
|----------|----|
| Bullocks | 13 |
| Heifers  | 10 |
| Pigs     | 59 |
| Sheep    | 38 |

The following parts and organs were condemned:

|                                  |         |
|----------------------------------|---------|
| Part forequarter beef            | 40 lbs. |
| 3 part beasts livers (parasites) | 21 lbs. |
| 3 pig livers (parasites)         | 12 lbs. |
| 1 pig head (tuberculosis)        | 10 lbs. |
| 1 beast head (cysticercus bovis) | 30 lbs. |

There were no cases of bovine tuberculosis; one case of cysticercus bovis was observed and the heifer carcase was released following refrigeration treatment in accordance with Memo/3 - Meat.

### Prevention of Damage by Pests Acts.

This authority utilises as required, the services of the rodent control service of Doncaster R. D. C., an agreed charge being made.

Six contracts are held with farmers and the extract from the annual tabulation supplied to the Minister reads as follows:

|   | Type of Property          |   |   |  | (5)<br>Agricultural |  |
|---|---------------------------|---|---|--|---------------------|--|
|   | Non-agricultural          |   |   |  |                     |  |
|   | (1)<br>Local<br>Authority | (2)<br>Dwelling<br>Houses<br>(inc. council<br>houses) | (3)<br>All other<br>(including<br>business<br>premises) | (4)<br>Total of<br>Cols (1),<br>(2) & (3). |                     |  |
| Total inspections<br>carried out - including<br>re-inspections.   | 9                         | 11  | 5   | 25   | 29                  |  |
| Total treatments<br>carried out - including<br>re-treatments<br>(To be completed only<br>if figures are<br>readily available) | 57                        | 18  | 1   | 76   | 92                  |  |

#### FOOD AND DRUGS ACT, 1955.

At the end of the year there were 30 food premises in the area some of which required registrations pursuant to Section 16 of the principal Act and also Section 76 of the West Riding County Council (General Powers) Act, recently effective in the area. The necessary survey and inspections were in progress at the end of the year.

New legislation transferred the licensing of graded milks in the area to the County Council with effect from the 1st January, 1961. Only two registrations were involved and details have been forwarded to the County authorities.

No cases of food poisoning were notified during the year.

#### WEST RIDING COUNTY COUNCIL (GENERAL POWERS) ACT, 1951 .

The Council decided to bring certain discretionary provisions of the above Act into force and, following advertisement, the undermentioned sections were effective in the area from December:

Section 36.  
Section 76.  
Section 120.

Conditions to be observed in the demolition of buildings.  
Registration of hawkers of food and their premises.  
Registration of hairdressers and barbers.

SECTION F.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

Age and Sex Incidence:

NOTIFIABLE DISEASES, 1960.

| Age Group     | Measles |   | Scarlet Fever |   | Pneumonia |   | Whooping Cough |   | Dysentery |   |
|---------------|---------|---|---------------|---|-----------|---|----------------|---|-----------|---|
|               | M       | F | M             | F | M         | F | M              | F | M         | F |
| Under 1 years | -       | - | -             | - | -         | - | -              | 2 | -         | - |
| 1 year        | -       | - | -             | - | -         | - | -              | 1 | -         | - |
| 2 years       | -       | - | -             | - | -         | - | -              | - | -         | - |
| 3 years       | -       | 1 | -             | - | -         | - | 1              | 1 | -         | - |
| 4 years       | -       | - | -             | - | -         | - | -              | 1 | -         | - |
| 5-9 years     | -       | 1 | 1             | - | -         | - | 3              | 2 | -         | - |
| 10-14 years   | -       | - | -             | - | -         | - | -              | 1 | -         | - |
| 15-24 years   | -       | - | -             | - | -         | - | -              | - | -         | - |
| 25 and over   | -       | - | -             | - | -         | - | -              | - | -         | - |
| Total         | -       | 2 | 1             | - | -         | - | 4              | 8 | -         | - |

STATE OF IMMUNISATION AGAINST DIPHTHERIA YEAR ENDED 31.12.60.

| Under 1 year                  | 1-4 years | 5-9 years                        | 10-14 years | Total under 15 years |
|-------------------------------|-----------|----------------------------------|-------------|----------------------|
| 12                            | 114       |                                  |             |                      |
| Total immunised:              | 126       |                                  | 376         | 502                  |
| Child population under 5:     | 182       | Child population 5-14 years: 430 |             | 612                  |
| Percentage immunised under 5: | 69        | Percentage immunised 5-14 years: | 87          | 82                   |

IMMUNISATION AGAINST WHOOPING COUGH:

47 children under four years of age were immunised against whooping cough.

## VACCINATION AGAINST SMALLPOX.

|                           | Vaccinated | Re-vaccinated |
|---------------------------|------------|---------------|
| Pre-school children       | 12         | -             |
| Schoolchildren and adults | 3          | 3             |
|                           | —          | —             |
|                           | 15         | 3             |
|                           | —          | —             |

12 babies were vaccinated out of 45 born.

## VACCINATION AGAINST POLIOMYELITIS.

The acceptance rate for children is above 75 per cent. and this protection is now accepted generally by mothers along with diphtheria and whooping cough immunisation. ~~Ample supplies of vaccine are available.~~

## TUBERCULOSIS.

New cases notified during the year: 1 male, 2 females. Two of these patients received sanatorium treatment.

Remaining on the register at the end of the year were:

|                       | M | F  | Total |
|-----------------------|---|----|-------|
| Respiratory cases     | 7 | 10 | 17    |
| Non-respiratory cases | 2 | 2  | 4     |
|                       | — | —  | —     |
|                       | 9 | 12 | 21    |
|                       | — | —  | —     |

There was 1 death from tuberculosis during the year. The health visitor continued to act as tuberculosis nurse contacting patients and their families, the chest clinic and the Medical Officer of Health.

## SECTION 47. NATIONAL ASSISTANCE ACTS, 1948 AND 1951.

This enactment relates to persons living in insanitary conditions due to old age or infirmity. No cases were dealt with.

FACTORIES ACTS, 1937 AND 1948.

|  |    |
|--|----|
| No. of factories on the register         | 10 |
| No. of inspections made                  | 4  |
| No. of cases in which defects were found | 2  |
| No. of defects remedied                  | 2  |

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